

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

22388 US PTO  
10/723101

112503

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 60]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 18]
- Oath or Declaration [Total Sheets 4] Unsigned
  - Newly executed (original or copy)
  - Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

Attorney Docket No.	2102475-992011
First Inventor	Nobutaka Kitagawa
Title	Impedance Trimming Circuit
Express Mail Label No.	EV 302278149 US

**ADDRESS TO:**  
 Mail Stop Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

- CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - Computer Reader Form (CRF)
  - Specification Sequence Listing on:
    - CD-ROM or CD-R (2 copies); or
    - Paper
  - Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

- Assignment Papers (cover sheet & document(s))
- 37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)
- English Translation Document (if applicable)
- Information Disclosure Statement (IDS)/PTO-1499  Copies of IDS Citations
- Preliminary Amendment
- Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- Certified Copy of Priority Document(s) (if foreign priority is claimed)
- Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- Other: Cert. of mailing; Check No.548449

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 10/608,364

Prior application information: Examiner Not yet assigned Art Unit: Not yet assigned

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**
 Customer Number: 26379 OR  Correspondence address below

Name	Edward B. Weller		
Address	Gray Cary Ware & Freidenrich 2000 University Avenue		
City	East Palo Alto	State	CA
Country	US	Telephone	650-833-2436
Zip Code	94303		
Fax	650-833-2001		

Name (Print/Type)	EDWARD B. WELLER	Registration No. (Attorney/Agent)	37,468
Signature	<i>Edward B. Weller</i>		
		Date	November 25, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

American LegalNet, Inc.  
www.USCourtForms.com

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

16638

12503

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$770.00)

## Complete if Known

Application Number	Not yet assigned
Filing Date	November 25, 2003
First Named Inventor	Nobutaka Kitagawa
Examiner Name	Not yet assigned
Art Unit	Not yet assigned
Attorney Docket No.	2102475-992011

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number	07-1896
Deposit Account Name	Gray Cary Ware & Freidenrich LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
1001	2001	385	Utility filing fee
1002	2002	170	Design filing fee
1003	2003	265	Plant filing fee
1004	2004	385	Reissue filing fee
1005	2005	80	Provisional filing fee
<b>SUBTOTAL (1)</b>			<b>(\$ 770.00)</b>

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
19	02	-20** = 0	X 18 = 0	0
		-3*** = 0	X 86 = 0	0
			=	

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	Fee (\$)
1202	2202	9
1201	2201	43
1203	2203	145
1204	2204	43
1205	2205	9
<b>SUBTOTAL (2)</b>		

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

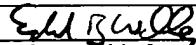
## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
1051	2051	65	Surcharge - late filing fee or oath
1052	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	1053	130	Non-English specification
1812	1812	2,520	For filing a request for ex parte reexamination
1804	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1805	1,840*	Requesting publication of SIR after Examiner action
1251	2251	55	Extension for reply within first month
1252	2252	210	Extension for reply within second month
1253	2253	475	Extension for reply within third month
1254	2254	740	Extension for reply within fourth month
1255	2255	1,005	Extension for reply within fifth month
1401	2401	165	Notice of Appeal
1402	2402	165	Filing a brief in support of an appeal
1403	2403	145	Request for oral hearing
1451	1451	1,510	Petition to institute a public use proceeding
1452	2452	55	Petition to revive - unavoidable
1453	2453	665	Petition to revive - unintentional
1501	2501	665	Utility issue fee (or reissue)
1502	2502	240	Design issue fee
1503	2503	320	Plant issue fee
1460	1460	130	Petitions to the Commissioner
1807	1807	50	Processing fee under 37 CFR 1.17(q)
1806	1806	180	Submission of Information Disclosure Stmt
8021	8021	40	Recording each patent assignment per property (times number of properties)
1809	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))
1810	2810	385	For each additional invention to be examined (37 CFR 1.129(b))
1801	2801	385	Request for Continued Examination (RCE)
1802	1802	900	Request for expedited examination of a design application
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$)

## SUBMITTED BY

Name (Print/Type) EDWARD B. WELLER Registration No. 37,468 Telephone 650-833-2436

Signature  Date November 25, 2003

(Complete if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Docket No.  
**2102475-992011**

Applicants: Nobutaka Kitagawa, Shuichi Takada, Nobuyuki Sasaki and  
Yasuhiko Kaminota

Serial No. Not Yet Assigned	Filing Date November 25, 2003	Examiner Not Yet Assigned	Group Art Unit N/A
--------------------------------	----------------------------------	------------------------------	-----------------------

Invention:

**IMPEDANCE TRIMMING CIRCUIT**

I hereby certify that this UTILITY PATENT APPLICATION

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop Patent Application on November 25, 2003.



*(Typed or Printed Name of Person Mailing Correspondence)*

SUSAN C. PINGUE

*(Signature of Person Mailing Correspondence)*

**EV 302278149 US**

*("Express Mail" Mailing Label Number)*